

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Rita Arguello

GENERAL INFORMATION:

Name:	Gerdau Ameristeel US Inc.
Address:	1035 Shar-Cal Road Calvert City, KY 42029
Date application received:	12/14/2007
SIC Code/SIC description:	3312, Metal Foil and Leaf (foil and foil containers)
Source ID:	21-157-00029
Agency Interest:	2956
Activity:	APE20070001
Permit:	V-08-005

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input checked="" type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM/PM ₁₀	4.83	98.80
PT	42.2	213.93
SO ₂	0.145	0.394
NO _x	72.509	197.09
CO	4.83	13.14
VOC	2.9	7.88

SOURCE DESCRIPTION:

Gerdau is a manufacturer of steel sheets from billets. The billets are heated in a natural gas reheat furnace, and the hot billets are rolled into sheets. In addition, steel recovered from the rolling operation is sold as scrap.

On December 14, 2007, Gerdau Ameristeel US Inc. (Gerdau) applied to the Division for the renewal of the Title V air permit, V-03-016. This source is major for Particulate Matter and Nitrogen Oxide. Gerdau requested to increase the time allowed to complete performance testing for the emission point 01 because of difficulties in performing the test in the winter. The EP 01 passed compliance stack testing in July, 2007. They also requested to modify the description language for the Emission Point 01 and 02.

On November 10, 2004, Gerdau notified the Division for Air Quality that, North Star Steel a Delaware corporation, was purchased by Gerdau Ameristeel US Inc., a Florida corporation.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

Potential emissions of PT exceed 100 tons per year and NO₂ exceed 100 tons per year. Thus, the Gerdau Ameristeel US Inc. facility continues with the classification as a major source under the Title V permit program.